



2132
93/13

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

PAUL C. KOCHER et al.

Application No. 09/930,836

Filed: August 15, 2001

For: CRYPTOGRAPHIC COMPUTATION
USING MASKING TO PREVENT
DIFFERENTIAL POWER ANALYSIS
AND OTHER ATTACKS

Confirmation No.: 2389

Group Art Unit: 2132

Examiner: Darrow, Justin T.

Attorney Docket No: 44424162-8724

**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT**

SONNENSCHN NATH & ROSENTHAL LLP
Customer No. 26263

M/S AMENDMENT
Commissioner for Patents
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Dated: 9/30/04

By: Michael C. Martensen

Michael C. Martensen


SIR:

Pursuant to the provisions of 37 CFR 1.56 and 1.97-1.98, Applicants hereby cite the seventeen references listed on the accompanying substitute PTO-1449 without inferring or suggesting, but instead expressly disclaiming any inference or suggestion, that any more pertinent reference exists. The filing of the information disclosure statement shall not be construed as a representation that a search has been made (37 CFR §1.97(g)), or an admission that the information cited is, or is considered to be, material to patentability. Applicants enclose herewith copies of all the cited references. All references are in the English language.

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Respectfully submitted,

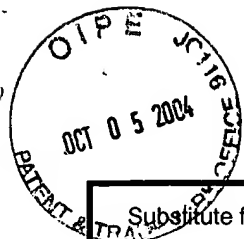
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enclosures



INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/930,836		
		Filing Date	August 15, 2001		
		First Named Inventor	Paul C. Kocher		
		Group Art Unit	2132		
Sheet	1	of	2	Examiner Name	Darrow, Justin T.
				Attorney Docket Number	44424162-8724

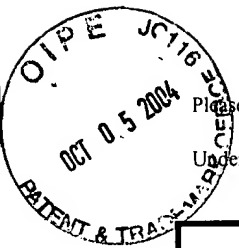
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	BT	4,107,458	01/08/1978	Constant	
	BU	4,139,839	01/02/1979	Fletcher et al.	
	BV	4,569,052	04/02/1986	Cohn et al.	
	BW	4,605,921	08/01/1998	Riddle et al.	
	BX	5,144,667	09/01/1992	Pogue et al.	
	BY	5,159,632	10/27/1992	Crandell	
	BZ	5,297,201	03/22/1994	Dunlavy	
	CA	5,511,123	4/23/1996	Adams	
	CB	5,551,013	08/27/1996	Beausoleil et al.	
	CC	5,559,890	09/09/1996	Obermeire et al	
	CD	5,670,934	09/23/1997	Ina et al.	
	CE	5,710,834	01/01/1998	Rhoads	
	CF	5,892,829	04/06/1999	Aiello et al.	
	CG	5,982,900	11/09/1999	Ebihara et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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				Application Number	09/930,836
				Filing Date	August 15, 2001
				First Named Inventor	Paul C. Kocher
				Group Art Unit	2132
				Examiner Name	Darrow, Justin T.
Sheet	2	of	2	Attorney Docket Number	44424162-8724

OTHER ITEMS – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	CiteNo. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	CH	LACY, J. et al., "CryptoLib Version 1.1", File Bigpow.c from CryptoLib, United States, November 1999.	
	CI	"File NN.C from RSAFEF", RSA Laboratories, a division of RSA Data Security, Inc., United States, 1991.	
	CJ	WAYNER, P., "Code Breaker Crack Smart Cards, Digital Safe", New York Times, United States, 06/22/98, on the World Wide Web at: http://www.nytimes.com/library/tech/98/06/biztech/articles/22card.html	

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